

Amendment

Serial No. 09/450,054

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a plurality of electrically conductive pathways forming at least one level, wherein portions of said conductive pathways are interconnected;

a plurality of segments forming each level, wherein each segment of a level is equal in length;

means for coupling said power signal from a primary input to a point at the center of a first level;

terminal nodes coupled at the extremities of a last level for supplying said power signal to a plurality of devices that form at least a portion of said optoelectronic circuit; and

wherein the number of segments connecting said primary input to each of said terminal nodes is equal.

7. (Amended) A network for distributing a power signal in an optoelectronic circuit, said network comprising:

a plurality of separate electrically conductive pathways forming at least one level, wherein said pathways are joined only at a common point;

a plurality of segments forming each level, wherein each segment of a level is equal in length;

means for coupling said power signal from a primary input to a point at the center of a first level;

terminal nodes coupled at the extremities of a last level for supplying said power signal to a plurality of devices that form at least a portion of said optoelectronic circuit; and

wherein the number of segments connecting said primary input to each of said terminal nodes is equal.

10. (Amended) A method of distributing a power signal to a plurality of terminal nodes on an optoelectronic circuit, the method comprising the steps of:

receiving the power signal from a primary input; and